



UCLA CTSI Training Program in Translational Science

# MSCR Research/Clinical Trials

## 2023-24 Timeline for MD/MS

**REQUIREMENTS: 32 units** required courses, **8 units** electives\*, **8 units** Biomath 596\*\*

\*Electives must be graduate-level (200 or 400) basic science courses, but can be in any department.

\*\*Biomath 596 is directed individual study with your assigned quantitative mentor.

\*\*Contact this mentor each quarter you enroll in 596 to confirm units and study plan.

### TRAINING YEAR

#### FALL

- Biomath 170A
- Biomath M260A
- Biomath M260C
- Biomath M261
- Enroll in 2 units of Biomath 596 directed individual study with assigned quantitative mentor
- Submit research abstract to aid in capstone committee selection (requests sent in early Fall)
- Meet with assigned committee

#### WINTER

- Biomath 259
- Biomath 265A\*
- Biomath 266A
- Enroll in 4 units of elective
- Enroll in 2 units of Biomath 596 directed individual study with assigned quantitative mentor
- Meet with assigned committee

#### SPRING

- Biomath M260B
- Biomath 266B
- Enroll in 4 units of elective
- Enroll in 4 units of Biomath 596 directed individual study with assigned quantitative mentor
- Meet with assigned committee
- Advance to Candidacy: submit ATC form and transcript copy to Student Affairs Officer
- Oral presentation of capstone to your full committee
- Capstone committee Chair submits results to Student Affairs

# 2023-24 TPTS Course Offerings

*(Subject to change. Confirm through your MyUCLA portal or here)*

*Courses with \* are required at some point during training. Others listed are suggested electives.*

## Fall Instruction: Sep 28 - Dec 15

* Biomath 170A	Introductory Biomathematics for Medical Investigators	M/W	12:00 pm - 1:20 pm	4	Myung Shin Sim, Jeff Gornbein
* Biomath 170A Disc	Discussion for 170A	W	1:30 pm - 2:20 pm	0	Jeff Gornbein
* Biomath M260A	Methodology in Clinical Research I: Clinical Trials	M/W	10:00 am - 11:20 am	4	Chi-hong Tseng
* Biomath M260C	Methodology in Clinical Research III: Observational Studies	M/W	8:30 am - 9:50 am	4	Teresa Seeman, Magda Shaheen
* Biomath M261	Responsible Conduct of Research Involving Humans	W	4:00 pm - 5:50 pm	2	Stan Korenman

## Winter Instruction: Jan 08 - Mar 22

* Biomath 259	Controversies in Clinical Trials	T	8:30 am - 9:50 am	2	David Elashoff, Veena Ranganath
* Biomath 265A	Data Analysis Strategies I*	M/W	12:00 pm - 1:20 pm	4	Jeff Gornbein
* Biomath 266A	Applied Regression Analysis in Medical Sciences	M/W	10:00 am - 11:20 am	4	David Elashoff
Biomath M262	Communication of Science (Grant/Journal Writing)	W	8:30 am - 9:50 am	2	David Elashoff, Veena Ranganath

## Spring Instruction: Apr 01 - Jun 14

* Biomath 266B	Advanced Biostatistics	M/W	11:00 am - 12:20 pm	4	Nicholas Jackson, Li-Jung Liang
Biomath 285	Introduction to High-throughput Data Analysis	M/W	1:00 pm - 2:20 pm	4	David Elashoff, Jin Zhou
* Biomath M260B	Methodologies in Clinical Research II	M/W	9:30 am - 10:50 am	4	Myung Shin Sim, David Elashoff

Stats 102A: Introduction to Computational Statistics with R may be substituted for Biomath 265A